

ABSTRACT OF THE DISCLOSURE

5 A microwave switch housing assembly for operation in a selected frequency range. The housing assembly includes a housing having ports, a rotor containing at least one waveguide passage, and power absorbing material positioned either in the housing or in the rotor. Ports are positioned within the housing it so that in a first position of the rotor, the waveguide passage connects
10 the ports and in a second position of the rotor, the waveguide passage is unconnected to the ports. The power absorbing material is positioned adjacent to one end of said waveguide passage when said rotor is in said second position it absorbs electromagnetic energy in the frequency range and reduces the tendency of the isolation passage to act as a volume resonator when the rotor is
15 in the second position.